Title (en)
SIGNAL PROCESSING DEVICE, SIGNAL PROCESSING METHOD, AND CAMERA SYSTEM

Title (de)
SIGNALVERARBEITUNGSVORRICHTUNG, SIGNALVERARBEITUNGSVERFAHREN UND KAMERASYSTEM

Title (fr)
DISPOSITIF DE TRAITEMENT DE SIGNAL, PROCÉDÉ DE TRAITEMENT DE SIGNAL, ET SYSTÈME DE CAMÉRA

Publication
EP 3425896 B1 20220427 (EN)

Application
EP 17759939 A 20170227

Priority
• JP 2016042867 A 20160304
• JP 2017007566 W 20170227

Abstract (en)
[origin: EP3425896A1] To enable to easily check a predetermined signal level region of an HDR video signal on an SDR screen displayed on an SDR-compliant display device. Processing at least including gradation compression processing for SDR is performed on the HDR video signal to obtain a standard dynamic range video signal. A predetermined signal level region is detected from the HDR video signal. An SDR video signal for display is obtained by combining a display signal for displaying the predetermined signal level region with an SDR video signal on the basis of a signal indicating the predetermined signal level region.

IPC 8 full level
H04N 23/76 (2023.01); H04N 5/20 (2006.01); H04N 19/85 (2014.01)

CPC (source: EP KR US)
G06T 5/92 (2024.01 - EP US); H04N 5/20 (2013.01 - EP US); H04N 5/265 (2013.01 - US); H04N 7/0117 (2013.01 - KR US); H04N 23/71 (2023.01 - EP KR US); H04N 23/741 (2023.01 - EP KR US); H04N 23/76 (2023.01 - EP US); H04N 23/80 (2023.01 - US); H04N 23/95 (2023.01 - EP KR); G06T 2207/10016 (2013.01 - EP US); G06T 2207/10024 (2013.01 - EP US); G06T 2207/20008 (2013.01 - EP US); G06T 2207/20208 (2013.01 - EP US); H04N 23/82 (2023.01 - EP KR)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3425896 A1 20190109; EP 3425896 A4 20190227; EP 3425896 B1 20220427; JP 2016197854 A 20161124; JP 6460014 B2 20190130; KR 20180118139 A 20181030; US 10560640 B2 20200211; US 11128810 B2 20210921; US 2019045137 A1 20190207; US 2020112688 A1 20200409; WO 2017150473 A1 20170908

DOCDB simple family (application)
EP 17759939 A 20170227; JP 2016042867 A 20160304; JP 2017007566 W 20170227; KR 20187025179 A 20170227; US 201716074804 A 20170227; US 201916704102 A 20191205